MONTHLY BULLETIN

OF

THE OBSERVATORY

QC
990
.L4
M6
1932

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JANUARY, 1932

J. A. BROWN, DIRECTOR

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JANUARY 1932
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	67.3	65.7	62.8	65.3	17.7	11.7	14.5	17.1	15.2	15.6
2	3.6	1.7	1.9	2.4	19.2	13.8	15.7	18.7	18.2	17.5
3	3.8	2.5	2.2	2.8	18.7	14.8	15.2	17.4	15.6	16.1
4	4.0	3.3	3.1	3.5	16.6	12.3	14.8	13.9	11.8	13.5
5	1.6	2.1	5.6	3.1	16.7	11.5	13.4	16.3	13.3	14.3
6	66.0	65.8	67.4	66.4	16.7	10.0	11.2	11.6	9.7	10.8
7	7.3	5.8	5.3	6.1	13.9	8.4	11 9	13.7	11.8	12.5
8	2.0	0.3	59.3	0.5	17.9	10.2	14.3	16.7	16.7	15.9
9	0.8	2.0	63.1	2.0	16.7	12.8	12.8	15.5	13.9	14.1
10	6.3	6.0	6.3	6.2	17.1	12.3	14.0	16.6	13.7	14.8
11	64.0	63.8	62.4	63.4	17.1	13.4	16.3	16.2	14.7	15.7
12	3.8	2.4	2.8	3.0	15.0	10.9	12.6	13.8	11.6	12.7
13	7.4	6.9	7.5	7.3	10.7	9.7	12.4	12.9	11.3	12.2
14	6.1	4.3	4.2	4.9	15.8	9.2	12.8	15.0	13.6	13.8
15	2.1	1.4	1.6	1.7	17.5	12.8	14.5	16.7	13.9	15.0
16	63.7	64.0	65.4	64.4	14.5	13.5	13.4	13.5	12.1	13.0
17	6.7	6.3	7.6	6.9	13.6	9.9	12.3	13.0	12.2	12.5
18	7.8	6.9	6.5	7.1	13.9	8.8	12.3	13.4	12.7	12.8
19	5.4	4.4	4.1	4.6	16.0	10.4	13.6	15.4	14.9	14.6
20	3.6	3.2	3.9	3.6	15.4	12.9	13.1	12.2	10.1	11.5
21	65.0	63.6	65.7	64.8	15.4	8.3	11.0	11.3	9.9	10.7
22	2.1	1.0	1.9	1.7	16.3	9.2	13.6	14.8	9.6	12.7
23	2.6	2.3	4.3	3.1	13.2	8.9	9.9	12.1	12.6	11.5
24	5.7	4.6	4.0	4.8	13.4	9.4	10.6	13.2	10.2	11.3
25	5.2	1.5	1.7	2.8	11.2	9.4	9.9	10.2	10.1	10.1
26	65.3	64.7	64.2	64.7	13.8	9.4	10.0	11.8	10.1	10.6
27	5.3	1.6	1.6	2.8	14.2	9.4	11.1	11.2	8.3	10.2
28	0.7	0.8	1.0	0.8	12.9	7.7	9.5	11.0	10.7	10.3
29	2.8	3.3	4.7	3.6	10.7	7.2	8.5	9.3	7.7	8.5
30	8.6	8.3	8.6	8.5	13.4	6.8	11.9	12.9	10.3	11.7
31	8.5	6.0	5.1	6.5	15.4	9 4	12.7	14.9	12.6	13.4
	64.68	63.75	64.05	64.17	15.18	10.46	12.57	13.95	12.23	12.90

Barometer, Range for month 759.3-768.6 m.m.

,, 50-yr. average for month 763.360 m.m.

Thermometer, Range for month 6°.8-19°.2 C.

,, 50-yr. average for month 13.67 C.

Rain, total for month 102.02 m.m.

,, , 50-yr average for month 191.01 m.m.

,, , total Sept. 1st to end of month 348.94 m.m.

,, , 50-yr. average, Sept. 1st to end of month. 576.84 m.m

JANUARY 1932
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	10.3	12.9	12.5	7.3	8.8	8.9	8.3	59	61	69	63	7.0	
2	12.4	14.0	12.3	8.9	9.7	7.7	8.8	67	58	49	58	6.0	
3	13.9	13.9	12.7	11.0	9.7	9.3	10.0	87	65	71	74	2.0	13.97
4	11 2	11.8	10.9	8.0	9.0	9.1	8.7	63	76	89	76	3.3	12.24
5	12.3	10.7	8.8	9.9	6.9	6.3	7.7	87	50	55	64	4.5	
6	7.2	7.5	6.4	5.7	5.9	5.7	5.8	58	59	63	60	8.5	
7	8.2	10.3	9.1	6.3	7.6	7.2	7.0	61	66	70	66	7.4	
8	12.0	13.8	11.6	9.2	10.0	7.6	8.9	76	71	54	67	0.0	
9	11.9	13.6	12.4	9.9	9.2	9.7	9.6	90	70	82	81	2.0	4.11
10	12.5	12.7	11.6	9.9	8.7	8.9	9.2	83	63	76	74	1.0	
11	11.8	13.9	11.2	8.0	10.4	8.0	8.8	57	77	65	66	2.5	7.82
12	9.9	9.6	8.4	7.7	6.8	6.7	7.1	71	58	66	65	8.2	
13	8.7	9.1	8.4	6.6	6.7	6.8	6.7	62	61	68	64	8.0	
14	9.1	11.1	10.8	6.8	7.8	8.1	7.6	62	61	69	64	9.0	
15	12.3	13.0	10.4	9.4	9.0	7.6	8.7	76	64	64	68	5.5	
16	11.3	10.8	9.5	8.8	8.2	7.4	8.1	76	70	71	72	1.3	1.52
17	9.2	9.6	8.7	7.0	7.2	6.6	6.9	66	65	62	64	8.2	
18	9.0	9.1	9.3	6.9	6.6	7.0	6.8	65	57	64	62	9.4	
19	9.9	11.8	10.2	7.3	8.4	7.6	7.6	64	65	55	61	9.2	
20	11.2	10.4	8.4	8.9	9.0	7.4	8.4	79	91	80	87	0.0	14.17
21	7.3	7.3	8.2	5.9	5.8	7.2	6.3	61	58	81	67	6.0	1.52
22	9.9	10.6	8.3	7.3	7.4	7.4	7.4	63	58	83	68	5.5	5.20
23	8.3	10.1	9.7	7.0	8.0	7.4	7.5	81	77	69	76	1.0	9.34
24	8.6	10.2	8.8	7.2	7.7	7.6	7.5	75	68	83	75	0.0	4.32
25	9.1	9.7	8.5	8.1	8.7	7.4	8.1	89	94	81	88	0.0	10.03
26	9.2	9.0	8.9	8.2	7.1	7.8	7.7	90	69	85	81	0.0	
27	9.1	9.6	6.0	7.5	8.0	5.8	7.1	77	81	72	77	2.3	4.06
28	7.6	8.8	9.2	6.9	7.3	7.8	7.3	78	75	81	78	3.0	7.62
29	7.3	7.3	6.9	7.0	6.6	7.0	6.9	85	75	90	83	2.5	6.10
30	8.4	9.4	7.7	6.4	7.1	6.5	6.7	62	64	70	65	8.3	
31	9.0	11.9	10.6	6.7	8.7	8.3	7.9	61	69	76	69	5.0	
	9.94	10.39	9.55	7.80	8.00	7.52	7.78	71.9	67.6	71.4	70.4	4.4	3.29

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

JANUARY 1932

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	2ci	10stcu	10stcu	7.3	0	0	1sw	98.8	calm	
2	6ci	10stcu	8stcu	8.0	0	0	0	37.5	„	
3	10ni	8stcu	8stcu	8.7	2w	2w	1sw	724.8	stormy	
4	5stcu	10ni	5stcu	6.7	2nw	1nw	1nw	797.2	„	
5	10ni	5stcu	5stcu	6.7	1nw	1nw	1nw	194.1	rough	
6	1cu	1cu	1cu	1.0	3nw	2nw	1se	404.9	v. rough	
7	5ci	5ci	5ci	5.0	0	0	1sw	153.2	light	
8	10stcu	10stcu	8stcu	9.3	0	0	1sw	199.5	„	
9	10ni	10stcu	10stcu	10.0	0	1sw	2sw	417.4	mod.	
10	10stcu	10stcu	10stcu	10.0	0	0	2se	123.6	light	
11	10stcu	4ni	5stcu	6.3	0	4w	2sw	686.2	stormy	
12	6stcu	1ci	1ci	2.7	0	1sw	1se	185.0	„	
13	8stcu	2ci	2ci	4.0	2ne	1w	0	181.5	mod.	
14	0	1ci	1ci	0.7	0	1ne	1ne	251.2	„	
15	7stcu	5stcu	5stcu	5.7	0	0	0	68.2	„	
16	10stcu	10stcu	10stcu	10.0	1n	1n	1n	149.0	„	
17	2cu	1st	1st	1.3	1sw	1n	2n	111.0	„	
18	1cu	0	0	0.3	0	0	2ne	122.2	light	
19	0	0	8stcu	2.7	0	0	1w	96.6	calm	
20	10ni	10ni	10stcu	10.0	0	1n	1n	222.9	light	
21	5stcu	10stcu	10ni	8.3	2n	0	1sw	99.3	mod.	
22	6stcu	8stcu	10ni	8.0	0	0	3sw	430.2	slight	
23	8stcu	10ni	10ni	9.3	2sw	2sw	3sw	1026.9	rough	
24	10stcu	10stcu	8stcu	9.3	0	1sw	1sw	465.1	light	
25	10ni	10ni	8stcu	9.3	0	0	1sw	162.2	mod.	
26	10ni	10stcu	10stcu	10.0	0	2w	0	360.6	„	
27	10stcu	10stcu	10stcu	10.0	0	2w	2e	544.6	„	
28	10stcu	10stcu	10ni	10.0	1w	0	0	285.5	light	
29	10stcu	5tscu	5stcu	6.7	0	0	2sw	221.5	mod.	
30	2cu	1cu	0	1.0	0	0	1sw	97.1	light	
31	1stcu	9stcu	9stcu	6.3	0	0	2sw	260.1	„	
				6.60	0.5	0.8	1.2	296.06		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	1	0	0	0	2	2	3	21
14:30	3	1	0	0	0	4	5	3	15
20.30	3	2	1	3	0	14	1	2	5
Totals	8	4	1	3	0	20	8	8	41

Number of days with rain 14, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 15.8